

Focus Area 15: Injury and Violence Prevention

Objective 15-15a targets an overall reduction in the motor vehicle crash death rate to 9.2 per 100,000 population.

California's age-adjusted death rates for motor vehicle crash deaths were 9.5 per 100,000 population in 2000, 11.2 in 2001, 11.5 in 2002, and 12.2 in 2003 (Figure 15-15, Table 15-15). California's motor vehicle crash death rates are significantly higher than the HP2010 objective of 9.2 per 100,000 population, and are increasing away from the target.

California data by race and ethnicity show that the highest age-adjusted motor vehicle crash death rates were found for American Indians/Alaska Natives (from 11.6 per 100,000 in 2000 to 14.4 in 2003), Hispanics/Latinos (from 10.5 per 100,000 in 2000 to 13.0 in 2003), Whites (from 9.6 per 100,000 in 2000 to 12.8 in 2003), and African Americans/Blacks (from 10.7 per 100,000 in 2000 to 12.7 in 2003). This objective is not being achieved for any of these racial and ethnic groups as of 2003. The HP2010 objective is, however, being achieved for the Asian population (7.5 per 100,000 in 2000, 8.4 in 2001, 7.7 in 2002, and 9.0 in 2003), and the "Multirace" population (4.7 per 100,000 in 2003). Death rates for the Pacific Islander population were unreliable due to the small number of events and are not reported here.

Age-adjusted motor vehicle crash death rates for males (13.5 per 100,000 in 2000, 15.5 in 2001, 16.2 in 2002, and 16.9 in 2003) were significantly higher than those for females (5.8 per 100,000 in 2000, 7.0 in 2001, 6.8 in 2002, and 7.5 in 2003). This HP2010 objective is being achieved for females but not for males as of 2003.

For more information on motor vehicle crashes in California, visit the Chronic Disease and Injury Control (CDIC) Web site at:

<http://www.dhs.ca.gov/ps/cdic/>

And the Epidemiology and Prevention for Injury Control (EPIC) site at:

<http://www.dhs.ca.gov/epic/>

For more information on Healthy People 2010 objective 15-15a, please visit:

<http://www.healthypeople.gov/Document/HTML/Volume2/15Injury.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od15.htm>

Figure 15-15
Motor Vehicle Crash Death Rates
California, 2000-2003

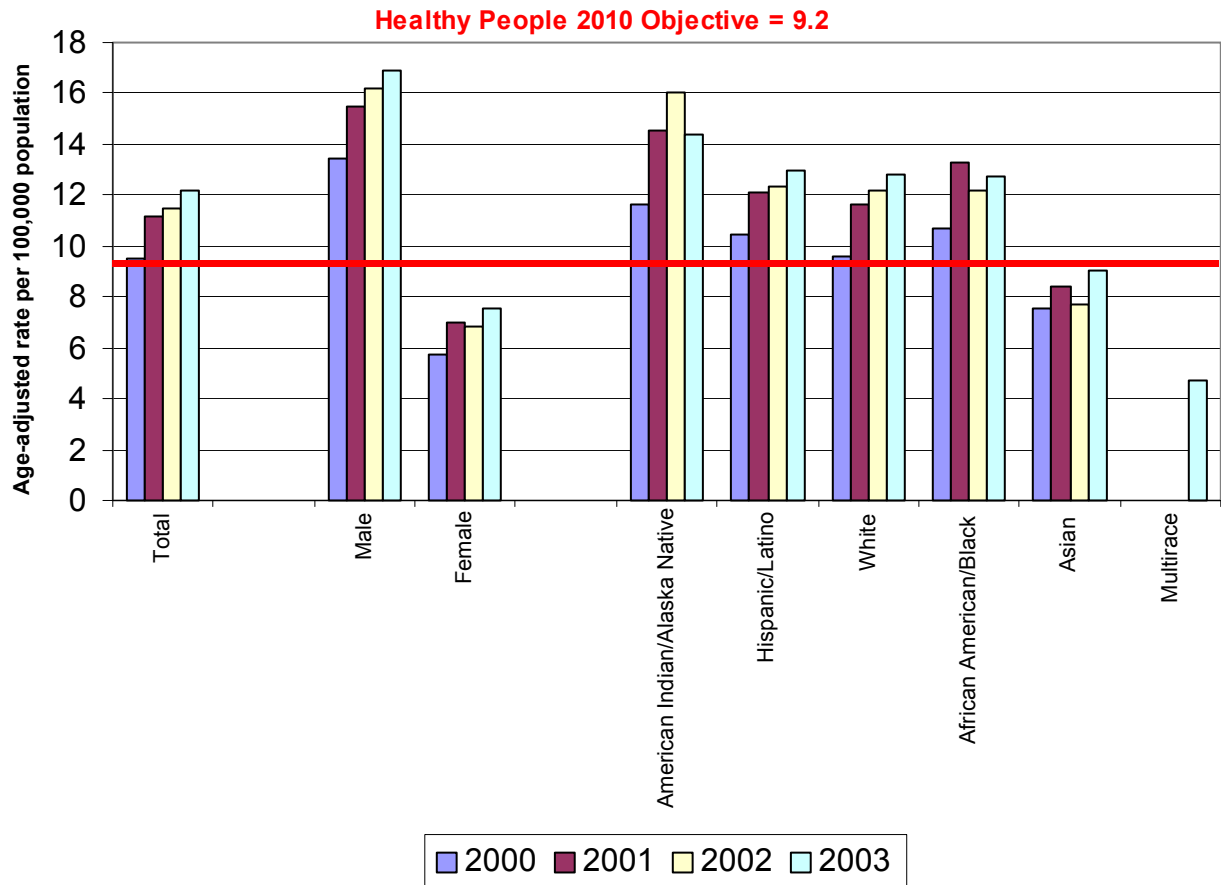


Table 15-15
Motor Vehicle Crash Deaths and Death Rates
California, 2000-2003

	2000		Lower	Upper	2001		Lower	Upper
	N	Rate ¹	95% C.I.	95% C.I.	N	Rate ¹	95% C.I.	95% C.I.
Healthy People 2010 Target		9.2				9.2		
CALIFORNIA TOTAL	3,168	9.5	9.2	9.8	3,829	11.2	10.8	11.5
Race-Ethnicity								
African American/Black	233	10.7	9.3	12.0	297	13.3	11.7	14.8
American Indian	23	11.6	6.8	16.4	29	14.5	9.0	20.1
Asian	262	7.5	6.6	8.5	316	8.4	7.4	9.3
Hispanic/Latino	1,010	10.5	9.7	11.2	1,234	12.1	11.3	12.9
Pacific Islander	19	DSU	-----	-----	13	DSU	-----	-----
White	1,606	9.6	9.1	10.1	1,920	11.6	11.1	12.2
Multirace	15	DSU	-----	-----	16	DSU	-----	-----
Gender								
Female	972	5.8	5.4	6.1	1,210	7.0	6.6	7.4
Male	2,196	13.5	12.9	14.0	2,619	15.5	14.9	16.1

	2002		Lower	Upper	2003		Lower	Upper
	N	Rate ¹	95% C.I.	95% C.I.	N	Rate ¹	95% C.I.	95% C.I.
Healthy People 2010 Target		9.2				9.2		
CALIFORNIA TOTAL	4,015	11.5	11.1	11.8	4,344	12.2	11.8	12.5
Race-Ethnicity								
African American/Black	277	12.2	10.7	13.6	297	12.7	11.3	14.2
American Indian	35	16.0	10.5	21.6	38	14.4	9.8	19.0
Asian	295	7.7	6.8	8.6	349	9.0	8.1	10.0
Hispanic/Latino	1,359	12.4	11.6	13.1	1,479	13.0	12.2	13.7
Pacific Islander	14	DSU	-----	-----	12	DSU	-----	-----
White	2,016	12.2	11.7	12.8	2,128	12.8	12.2	13.4
Multirace	18	DSU	-----	-----	34	4.7	3.0	6.4
Gender								
Female	1,212	6.8	6.5	7.2	1,361	7.5	7.1	7.9
Male	2,803	16.2	15.6	16.8	2,983	16.9	16.3	17.5

SOURCES: CA Department of Health Services, Death Records, 2000-2003; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: Motor vehicle crash deaths defined by ICD-10 codes V02-V04 (0.1-0.9), V09.2, V12-V14 (0.3-0.9), V19 (0.4-0.6), V20-V28 (0.3-0.9), V29-V79 (0.4-0.9), V80 (0.3-0.5), V81.1, V82.1, V83-V86 (0.0-0.3), V87 (0.0-0.8), V89.2.

¹ Rate per 100,000 population, age-adjusted using the 2000 US population standard; excludes death records with unknown ages.

DSU Data Statistically Unreliable due to small number of events.